DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 75.15

SOURCE INSPECTION REPORT

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: SIR-000917
Date Inspected: 26-Aug-2009

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Shanghai Pujiang Cable Co. (SPCC)

OSM Arrival Time: 830
OSM Departure Time: 1300
Location: Bao Steel, Shanghai

Quality Control Contact: Mr. Pei
Quality Control Present: ☑ Yes ☐ No
Material transfer: ☐ Yes ☑ No ☐ N/A
Sampled Items: ☐ Yes ☑ No ☐ N/A
Stock Transfer: ☐ Yes ☑ No ☐ N/A
OK to Cut: ☐ Yes ☑ No ☐ N/A
Rebar Test Witness: ☐ Yes ☑ No ☐ N/A
Delayed/Cancelled: ☐ Yes ☑ No ☐ N/A
Other: Witnessed tensile tests for galvanized wire
Bridge No: 34-0006
Component: galvanized wire (diameter 5.4mm)
Bid Item: 66A
Lot No: B240

Summary of Items Observed:

Caltrans QA Inspector Mr. Wai Pau traveled to Bao Steel and witnessed two groups of tensile tests for galvanized wire. The first group included coil # h30908-865-1/2 to h30908-878-1/2 and the second group coil # h30908-793-1/2 to h30908-802-1/2. The coil heat number is #58349. The test sample is taken from each end of every wire coil. The second group galvanized wires of coils #793-1/2 to #802-1/2 have been adjusted post heat treating during the production to increate modulus of elasticity, according to Bao Steel engineer Mr. Pei. All the tensile tests have been recorded on electronic spreadsheet and accepted by Bao Steel technician. Caltrans QAI verified that accuracy of tensile strength test readings that were indicated on digital indicator at the time of rupture for each wire. The modulus of elasticity of second group wire tests was 193~196 GPa after adjusted the post heat treating. Based on Caltrans QA observation, the tensile tests appeared to be in compliance with requirement of Caltrans Special Provision and contract documents.

Summary of Conversations:

As notes within report above

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod 13482570045 , who represents the Office of Structural Materials for your project.

Inspected By: Pau,Wai Quality Assurance Inspector

SOURCE INSPECTION REPORT

(Continued Page 2 of 2)

Reviewed By: Clifford,William QA Reviewer